

FIGURE 1 CARNOT CYCLE ENGINE WITH ELECTRICAL WORK OUTPUT

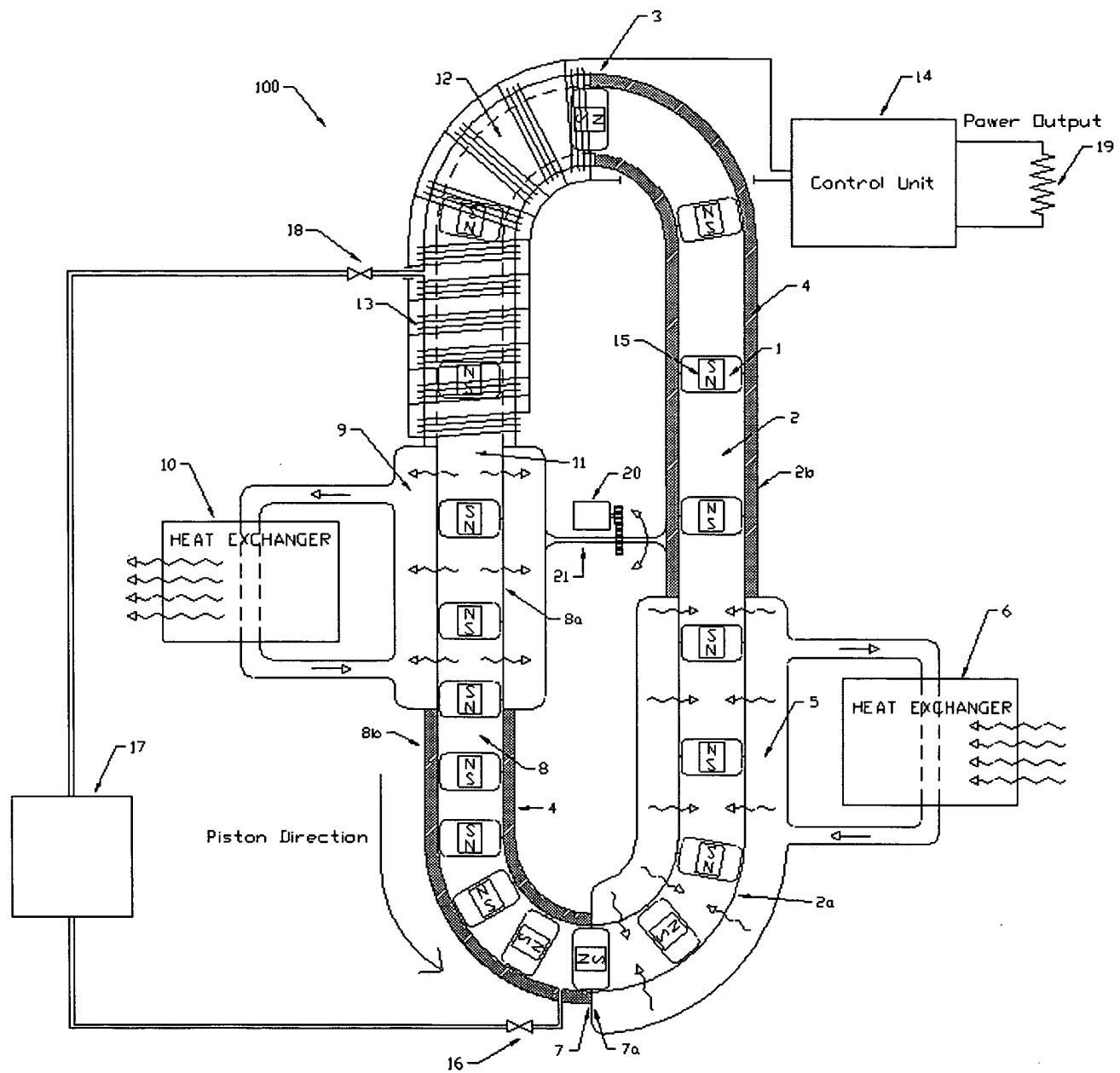


FIGURE 2 CARNOT CYCLE REFRIGERATOR WITH ELECTRICAL WORK INPUT

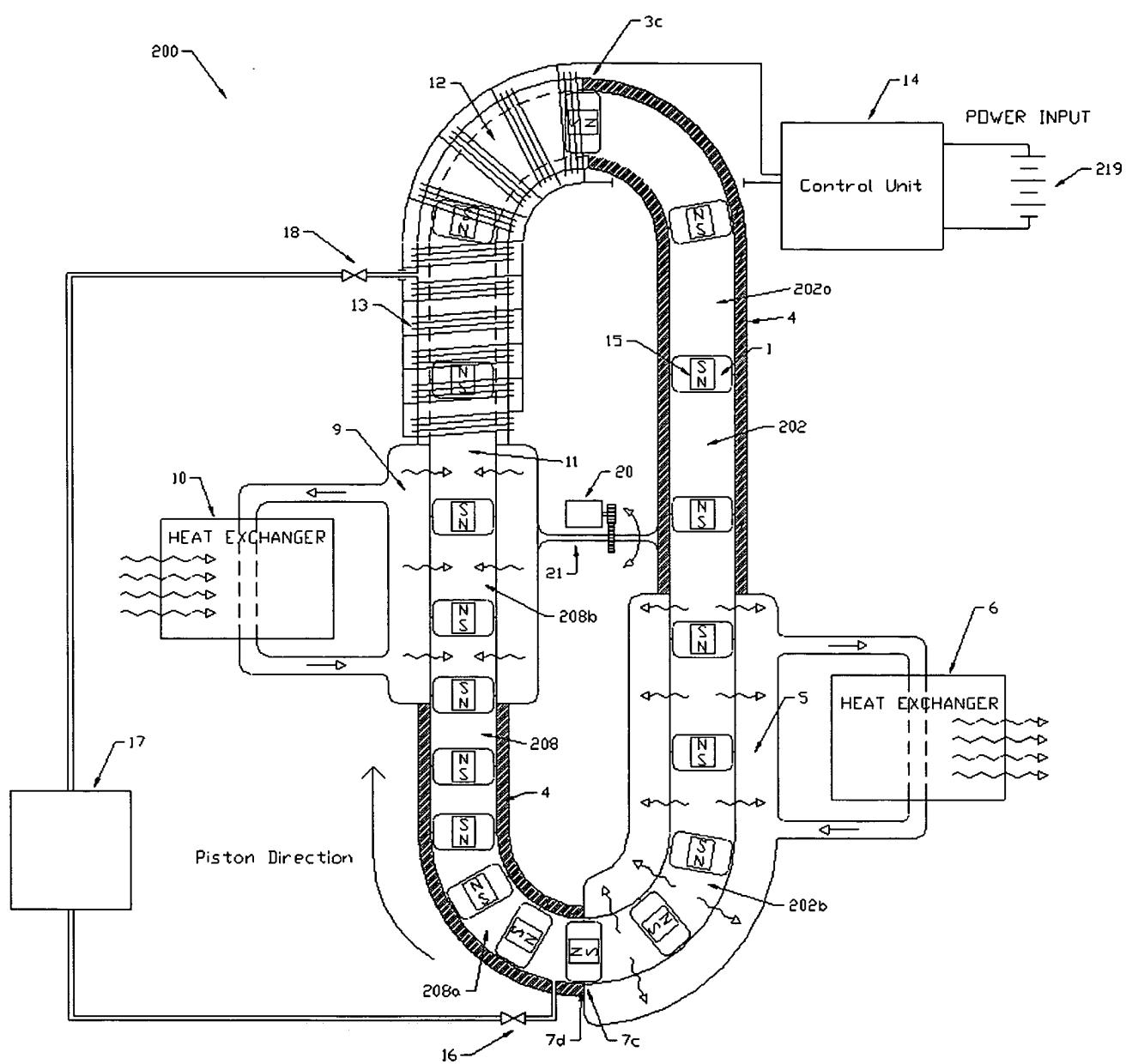


FIGURE 3 CARNOT CYCLE ENGINE WITH MECHANICAL WORK

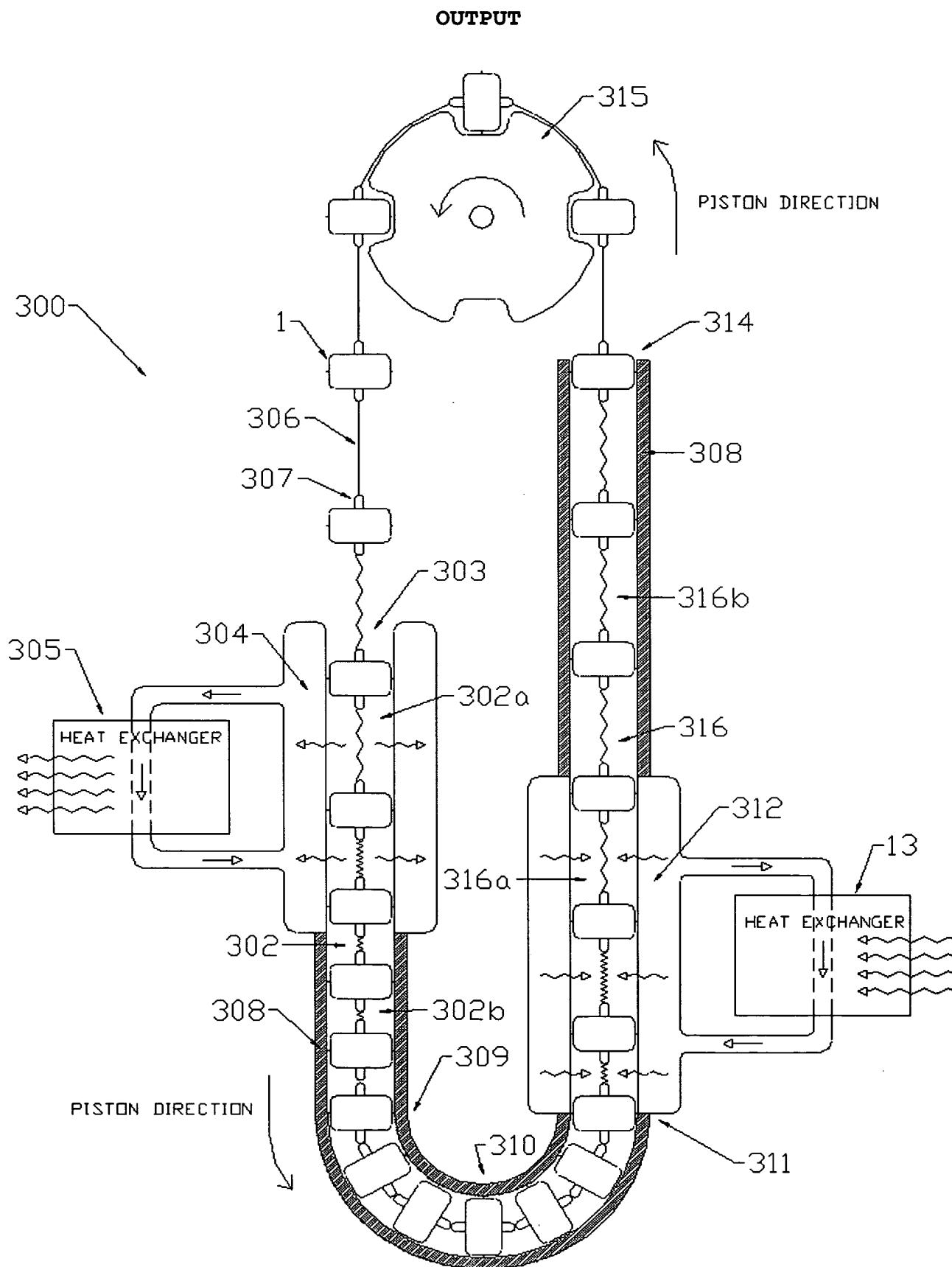


FIGURE 4 CARNOT CYCLE REFRIGERATOR WITH MECHANICAL WORK INPUT

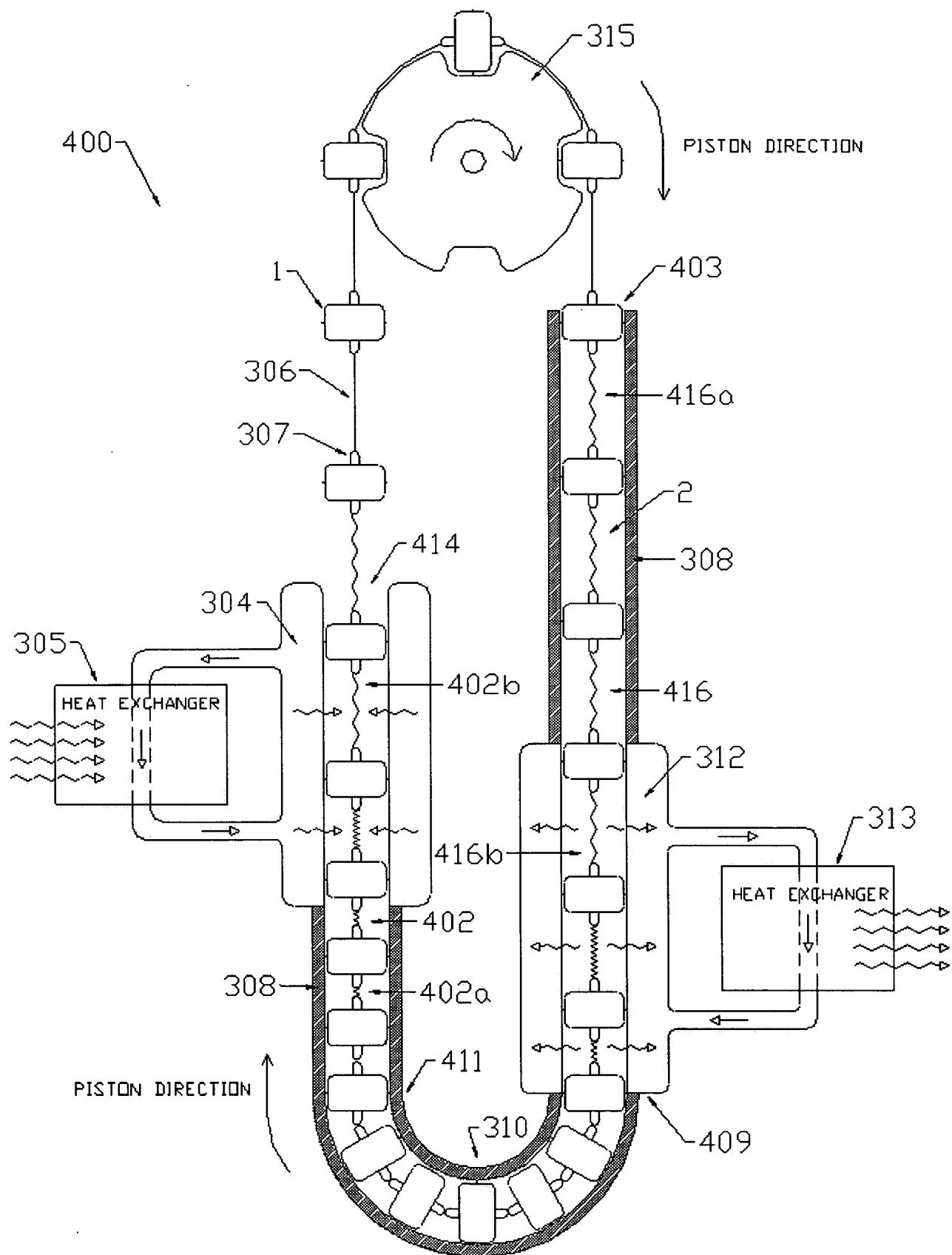


FIGURE 5 HINGED PISTON

